

# MATERIAL SAFETY DATA SHEET

JUN 08 1982

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

<b>BRAY OIL COMPANY, INC.</b> Corporate and Sales Offices Have Moved to 2698 White Road Irvine, California 92714 Phone (714) 850-1151 (714) 260-9484		<b>SECTION I</b> DPM 366	
MANUFACTURER <b>BRAY OIL</b>		EMERGENCY TELEPHONE NO. (213) 575-1212	
ADDRESS (N/A) 9550 FLA		, CA 91731	
CHEMICAL NAME AND SYNONYMS Hydraulic Fluid		TRADE NAME AND SYNONYMS Brayco Micronic 756E	
CHEMICAL FAMILY Petroleum		FORMULA Mil-H-5606	

SECTION II - HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Non-hazardous as defined by U.S. Department of Labor 29CFR, Section 1915.2.					

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.)	> 400°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.875
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT, VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____=1)	N/A
SOLUBILITY IN WATER	Insol.		
APPEARANCE AND ODOR Low Viscosity Fluid, dyed red, petroleum odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA					
FLASH POINT (Method used) ASTM D92, COC	215°F	FLAMMABLE LIMITS Not determined	<table border="1"> <tr> <td>Lel</td> <td>Uel</td> </tr> </table>	Lel	Uel
Lel	Uel				
EXTINGUISHING MEDIA Dry Chemical, Carbon Dioxide, Foam, Water Fog					
SPECIAL FIRE FIGHTING PROCEDURES Do not use water except as fog, or spray to cool containers or tanks to avoid heating above flash point.					
UNUSUAL FIRE AND EXPLOSION HAZARDS Self-contained respiratory equipment when fire fighting in confined area.					

## SECTION V - HEALTH HAZARD DATA

### THRESHOLD LIMIT VALUE

Not determined. Use 5 mg of oil mist in cubic meter of air.

### EFFECTS OF OVEREXPOSURE

Not expected to cause any ill effect except possibly in very sensitive individuals.

May cause eye irritation. Avoid contact with eyes.

### EMERGENCY AND FIRST AID PROCEDURES

Eye contact - flush thoroughly with water. Call physician.

Skin contact - wash with soap and water.

Ingestion - do not induce vomiting. Call physician.

## SECTION VI - REACTIVITY DATA

### STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

### INCOMPATIBILITY (Materials to avoid)

Avoid strong oxidizing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS

Combustion may produce carbon monoxide and asphyxiants.

### HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

## SECTION VII - SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Stop flow and shut off sources of ignition. Wipe or mop up, or absorb with clay, diatomaceous earth, or other inert material. Store in closed metal containers.

### WASTE DISPOSAL METHOD

Controlled incineration or method in compliance with local, state, or federal regulations regarding health, air and water pollution.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION (Specify type)

None normally required except if oil mist exceeds TLV

### VENTILATION

#### LOCAL EXHAUST

Only if oil mist exceeds TLV

SPECIAL

#### MECHANICAL (General)

Only if oil mist exceeds TLV

OTHER

### PROTECTIVE GLOVES

Plastic or Rubber Gloves recommended

### EYE PROTECTION

Safety glasses recommended.

### OTHER PROTECTIVE EQUIPMENT

## SECTION IX - SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store near heat, open flame, or other sources of ignition.

### OTHER PRECAUTIONS

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RJE-hp

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